

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/576,690  
Source: IFWP  
Date Processed by STIC: 5/1/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006

TIME: 10:55:24

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
 4 McSwiggen, James  
 5 Chowrira, Bharat  
 6 Haeberli, Peter  
 8 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of NOGO And NOGO  
 Receptor  
 9 Gene Expression Using Short Interfering Nucleic Acid (siNA)  
 11 <130> FILE REFERENCE: 400/232 (MBHB00-878-J)  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/576,690  
 C--> 14 <141> CURRENT FILING DATE: 2006-04-21  
 16 <150> PRIOR APPLICATION NUMBER: US 10/430,882  
 17 <151> PRIOR FILING DATE: 2003-05-06  
 19 <150> PRIOR APPLICATION NUMBER: PCT/US02/10512  
 20 <151> PRIOR FILING DATE: 2002-04-03  
 22 <150> PRIOR APPLICATION NUMBER: US 09/827,395  
 23 <151> PRIOR FILING DATE: 2001-04-05  
 25 <150> PRIOR APPLICATION NUMBER: US 09/780,533  
 26 <151> PRIOR FILING DATE: 2001-02-09  
 28 <150> PRIOR APPLICATION NUMBER: PCT/US01/04273  
 29 <151> PRIOR FILING DATE: 2001-02-09  
 31 <150> PRIOR APPLICATION NUMBER: US 60/181,797  
 32 <151> PRIOR FILING DATE: 2000-02-11  
 34 <150> PRIOR APPLICATION NUMBER: PCT/US04/16390  
 35 <151> PRIOR FILING DATE: 2004-05-24  
 37 <150> PRIOR APPLICATION NUMBER: US 10/826,966  
 38 <151> PRIOR FILING DATE: 2004-04-16  
 40 <150> PRIOR APPLICATION NUMBER: US 10/757,803  
 41 <151> PRIOR FILING DATE: 2004-01-14  
 43 <150> PRIOR APPLICATION NUMBER: US 10/720,448  
 44 <151> PRIOR FILING DATE: 2003-11-24  
 46 <150> PRIOR APPLICATION NUMBER: US 10/693,059  
 47 <151> PRIOR FILING DATE: 2003-10-23  
 49 <150> PRIOR APPLICATION NUMBER: US 10/444,853  
 50 <151> PRIOR FILING DATE: 2003-05-23  
 52 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346  
 53 <151> PRIOR FILING DATE: 2003-02-20  
 55 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028  
 56 <151> PRIOR FILING DATE: 2003-02-20  
 58 <150> PRIOR APPLICATION NUMBER: US 60/358,580  
 59 <151> PRIOR FILING DATE: 2002-02-20  
 61 <150> PRIOR APPLICATION NUMBER: US 60/363,124  
 62 <151> PRIOR FILING DATE: 2002-03-11  
 64 <150> PRIOR APPLICATION NUMBER: US 60/386,782  
 65 <151> PRIOR FILING DATE: 2002-06-06

*pp 9-12*  
**Does Not Comply  
 Corrected Diskette Needed**

## RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,690

TIME: 10:55:24

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

67 <150> PRIOR APPLICATION NUMBER: US 60/406,784  
 68 <151> PRIOR FILING DATE: 2002-08-29  
 70 <150> PRIOR APPLICATION NUMBER: US 60/408,378  
 71 <151> PRIOR FILING DATE: 2002-09-05  
 73 <150> PRIOR APPLICATION NUMBER: US 60/409,293  
 74 <151> PRIOR FILING DATE: 2002-09-09  
 76 <150> PRIOR APPLICATION NUMBER: US 60/440,129  
 77 <151> PRIOR FILING DATE: 2003-01-15  
 79 <150> PRIOR APPLICATION NUMBER: PCT/US04/13456  
 80 <151> PRIOR FILING DATE: 2004-04-30  
 82 <150> PRIOR APPLICATION NUMBER: US 10/780,447  
 83 <151> PRIOR FILING DATE: 2004-02-13  
 85 <150> PRIOR APPLICATION NUMBER: US 10/427,160  
 86 <151> PRIOR FILING DATE: 2003-04-30  
 88 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876  
 89 <151> PRIOR FILING DATE: 2002-05-17  
 91 <150> PRIOR APPLICATION NUMBER: US 60/292,217  
 92 <151> PRIOR FILING DATE: 2001-05-18  
 94 <150> PRIOR APPLICATION NUMBER: US 60/362,016  
 95 <151> PRIOR FILING DATE: 2002-03-06  
 97 <150> PRIOR APPLICATION NUMBER: US 60/306,883  
 98 <151> PRIOR FILING DATE: 2001-07-20  
 100 <150> PRIOR APPLICATION NUMBER: US 60/311,865  
 101 <151> PRIOR FILING DATE: 2001-08-13  
 103 <150> PRIOR APPLICATION NUMBER: US 10/727,780  
 104 <151> PRIOR FILING DATE: 2003-12-03  
 106 <150> PRIOR APPLICATION NUMBER: US 60/543,480  
 107 <151> PRIOR FILING DATE: 2004-02-10  
 109 <160> NUMBER OF SEQ ID NOS: 324  
 111 <170> SOFTWARE: PatentIn version 3.3  
 113 <210> SEQ ID NO: 1  
 114 <211> LENGTH: 19  
 115 <212> TYPE: RNA  
 116 <213> ORGANISM: Artificial Sequence  
 118 <220> FEATURE:  
 119 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 121 <400> SEQUENCE: 1  
 122 cgaaacgacu uucaguccc 19  
 125 <210> SEQ ID NO: 2  
 126 <211> LENGTH: 19  
 127 <212> TYPE: RNA  
 128 <213> ORGANISM: Artificial Sequence  
 130 <220> FEATURE:  
 131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
 sense region  
 133 <400> SEQUENCE: 2  
 134 ccgacgcgcc ccgcccaac 19  
 137 <210> SEQ ID NO: 3  
 138 <211> LENGTH: 19  
 139 <212> TYPE: RNA

## RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,690

TIME: 10:55:24

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

140 <213> ORGANISM: Artificial Sequence

142 <220> FEATURE:

143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

145 <400> SEQUENCE: 3

146 ccccuacgau gaagagggc 19

149 <210> SEQ ID NO: 4

150 <211> LENGTH: 19

151 <212> TYPE: RNA

152 <213> ORGANISM: Artificial Sequence

154 <220> FEATURE:

155 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

157 <400> SEQUENCE: 4

158 cguccgcugg agggagccg 19

161 <210> SEQ ID NO: 5

162 <211> LENGTH: 19

163 <212> TYPE: RNA

164 <213> ORGANISM: Artificial Sequence

166 <220> FEATURE:

167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

169 <400> SEQUENCE: 5

170 ggcugcuggc augggugcu 19

173 <210> SEQ ID NO: 6

174 <211> LENGTH: 19

175 <212> TYPE: RNA

176 <213> ORGANISM: Artificial Sequence

178 <220> FEATURE:

179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

181 <400> SEQUENCE: 6

182 uguggcugca ggccuggca 19

185 <210> SEQ ID NO: 7

186 <211> LENGTH: 19

187 <212> TYPE: RNA

188 <213> ORGANISM: Artificial Sequence

190 <220> FEATURE:

191 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

193 <400> SEQUENCE: 7

194 agguggcagc cccaugccc 19

197 <210> SEQ ID NO: 8

198 <211> LENGTH: 19

199 <212> TYPE: RNA

200 <213> ORGANISM: Artificial Sequence

202 <220> FEATURE:

203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

205 <400> SEQUENCE: 8

206 caggugccug cguaugcua 19

209 <210> SEQ ID NO: 9

210 <211> LENGTH: 19

211 <212> TYPE: RNA

212 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,690

TIME: 10:55:24

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

```

214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
217 <400> SEQUENCE: 9
218 acaaugagcc caaggugac 19
221 <210> SEQ ID NO: 10
222 <211> LENGTH: 19
223 <212> TYPE: RNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
229 <400> SEQUENCE: 10
230 cgacaagcug cccccagca 19
233 <210> SEQ ID NO: 11
234 <211> LENGTH: 19
235 <212> TYPE: RNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
241 <400> SEQUENCE: 11
242 agggccugca ggcugugcc 19
245 <210> SEQ ID NO: 12
246 <211> LENGTH: 19
247 <212> TYPE: RNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
253 <400> SEQUENCE: 12
254 ccgugggcau ccugcugc 19
257 <210> SEQ ID NO: 13
258 <211> LENGTH: 19
259 <212> TYPE: RNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
265 <400> SEQUENCE: 13
266 ccagccagcg caucuuccu 19
269 <210> SEQ ID NO: 14
270 <211> LENGTH: 19
271 <212> TYPE: RNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
277 <400> SEQUENCE: 14
278 ugcacggcaa ccgcaucuc 19
281 <210> SEQ ID NO: 15
282 <211> LENGTH: 19
283 <212> TYPE: RNA

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284 <213> ORGANISM: Artificial Sequence  
286 <220> FEATURE:

## RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/576,690

TIME: 10:55:24

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

289 <400> SEQUENCE: 15

290 cgcaugugcc agcugccag 19

293 <210> SEQ ID NO: 16

294 <211> LENGTH: 19

295 <212> TYPE: RNA

296 <213> ORGANISM: Artificial Sequence

298 <220> FEATURE:

299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

301 <400> SEQUENCE: 16

302 gcuuccgugc cugccgcaa 19

305 <210> SEQ ID NO: 17

306 <211> LENGTH: 19

307 <212> TYPE: RNA

308 <213> ORGANISM: Artificial Sequence

310 <220> FEATURE:

311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

313 <400> SEQUENCE: 17

314 accucaccau ccuguggcu 19

317 <210> SEQ ID NO: 18

318 <211> LENGTH: 19

319 <212> TYPE: RNA

320 <213> ORGANISM: Artificial Sequence

322 <220> FEATURE:

323 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

325 <400> SEQUENCE: 18

326 ugcacucgaa ugugcuggc 19

329 <210> SEQ ID NO: 19

330 <211> LENGTH: 19

331 <212> TYPE: RNA

332 <213> ORGANISM: Artificial Sequence

334 <220> FEATURE:

335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

337 <400> SEQUENCE: 19

338 cccgaauuga ugcggcugc 19

341 <210> SEQ ID NO: 20

342 <211> LENGTH: 19

343 <212> TYPE: RNA

344 <213> ORGANISM: Artificial Sequence

346 <220> FEATURE:

347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

349 <400> SEQUENCE: 20

350 ccuucacugg ccuggcccu 19

353 <210> SEQ ID NO: 21

354 <211> LENGTH: 19

355 <212> TYPE: RNA

356 <213> ORGANISM: Artificial Sequence



358 <220> FEATURE:

359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
sense region

10/576,690

9

<210> 207  
<211> 21  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: siNA sense region

<220>  
<221> misc\_feature  
<222> (20)..(21)  
<223> n stands for thymidine

<400> 207  
cugcaguacc ucuaccugcn n

This error  
appears in  
subsequent sequences

(even if represented by "n")  
It's not allowed in RNA sequences

(for a combined DNA/RNA sequence,  
use <212> DNA and explain

in <220>-<223>  
section)

The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

10

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006  
TIME: 10:55:25

FYI

Input Set : E:\00-878-J sequence listing.txt  
Output Set: N:\CRF4\05012006\J576690.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 20,21  
Seq#:208; N Pos. 20,21  
Seq#:209; N Pos. 20,21  
Seq#:210; N Pos. 20,21  
Seq#:211; N Pos. 20,21  
Seq#:212; N Pos. 20,21  
Seq#:213; N Pos. 20,21  
Seq#:214; N Pos. 20,21  
Seq#:215; N Pos. 20,21  
Seq#:216; N Pos. 20,21  
Seq#:217; N Pos. 20,21  
Seq#:218; N Pos. 20,21  
Seq#:219; N Pos. 20,21  
Seq#:220; N Pos. 20,21  
Seq#:221; N Pos. 20,21  
Seq#:222; N Pos. 20,21  
Seq#:223; N Pos. 20,21  
Seq#:224; N Pos. 20,21  
Seq#:225; N Pos. 20,21  
Seq#:226; N Pos. 20,21  
Seq#:227; N Pos. 20,21  
Seq#:228; N Pos. 20,21  
Seq#:229; N Pos. 20,21  
Seq#:230; N Pos. 20,21  
Seq#:231; N Pos. 20,21  
Seq#:232; N Pos. 20,21  
Seq#:233; N Pos. 20,21  
Seq#:234; N Pos. 20,21  
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Seq#:236; N Pos. 20,21  
Seq#:237; N Pos. 20,21  
Seq#:238; N Pos. 20,21  
Seq#:239; N Pos. 20,21  
Seq#:240; N Pos. 20,21  
Seq#:241; N Pos. 20,21  
Seq#:242; N Pos. 20,21  
Seq#:243; N Pos. 20,21  
Seq#:244; N Pos. 20,21  
Seq#:245; N Pos. 20,21  
Seq#:246; N Pos. 20,21  
Seq#:247; N Pos. 20,21  
Seq#:248; N Pos. 20,21  
Seq#:249; N Pos. 20,21  
Seq#:250; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006  
TIME: 10:55:25

Input Set : E:\00-878-J sequence listing.txt  
Output Set: N:\CRF4\05012006\J576690.raw

Seq#:251; N Pos. 20,21  
Seq#:252; N Pos. 20,21  
Seq#:253; N Pos. 20,21  
Seq#:254; N Pos. 20,21  
Seq#:255; N Pos. 20,21  
Seq#:256; N Pos. 20,21  
Seq#:257; N Pos. 20,21  
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Seq#:259; N Pos. 20,21  
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Seq#:262; N Pos. 20,21  
Seq#:263; N Pos. 20,21  
Seq#:264; N Pos. 20,21  
Seq#:265; N Pos. 20,21  
Seq#:266; N Pos. 20,21  
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Seq#:272; N Pos. 20,21  
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Seq#:275; N Pos. 20,21  
Seq#:276; N Pos. 20,21  
Seq#:277; N Pos. 20,21  
Seq#:278; N Pos. 20,21  
Seq#:279; N Pos. 20,21  
Seq#:280; N Pos. 20,21  
Seq#:281; N Pos. 20,21  
Seq#:282; N Pos. 20,21  
Seq#:283; N Pos. 20,21  
Seq#:284; N Pos. 20,21  
Seq#:285; N Pos. 20,21  
Seq#:286; N Pos. 20,21  
Seq#:287; N Pos. 20,21  
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Seq#:290; N Pos. 20,21  
Seq#:291; N Pos. 20,21  
Seq#:292; N Pos. 20,21  
Seq#:293; N Pos. 20,21  
Seq#:294; N Pos. 20,21  
Seq#:295; N Pos. 20,21  
Seq#:296; N Pos. 20,21  
Seq#:297; N Pos. 20,21  
Seq#:298; N Pos. 20,21  
Seq#:299; N Pos. 20,21

12

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006  
TIME: 10:55:25

Input Set : E:\00-878-J sequence listing.txt  
Output Set: N:\CRF4\05012006\J576690.raw

Seq#:300; N Pos. 20,21  
Seq#:301; N Pos. 20,21  
Seq#:302; N Pos. 20,21  
Seq#:303; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:304; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:305; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:306; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:307; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:308; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:309; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:310; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:311; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:312; N Pos. 20,21  
Seq#:313; N Pos. 20,21  
Seq#:314; N Pos. 20,21  
Seq#:315; N Pos. 20,21  
Seq#:316; N Pos. 20,21  
Seq#:317; N Pos. 20,21  
Seq#:318; N Pos. 20,21  
Seq#:319; N Pos. 20,21  
Seq#:320; N Pos. 20,21  
Seq#:324; N Pos. 23,24

**Invalid Line Length:**

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:304; Line(s) 7193,7203  
Seq#:305; Line(s) 7226  
Seq#:306; Line(s) 7254,7264  
Seq#:308; Line(s) 7322,7332  
Seq#:311; Line(s) 7430,7435  
Seq#:313; Line(s) 7481,7491  
Seq#:314; Line(s) 7568  
Seq#:315; Line(s) 7650,7660  
Seq#:317; Line(s) 7771,7776  
Seq#:320; Line(s) 8006,8011  
Seq#:321; Line(s) 8023  
Seq#:322; Line(s) 8035

13

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006

TIME: 10:55:25

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:2600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0  
L:2618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0  
L:2636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0  
L:2654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0  
L:2672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0  
L:2690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0  
L:2708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0  
L:2726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0  
L:2744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0  
L:2762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0  
L:2780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217 after pos.:0  
L:2798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218 after pos.:0  
L:2816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:219 after pos.:0  
L:2834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0  
L:2852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221 after pos.:0  
L:2870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0  
L:2928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0  
L:2981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:224 after pos.:0  
L:3034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225 after pos.:0  
L:3087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos.:0  
L:3140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:227 after pos.:0  
L:3188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228 after pos.:0  
L:3231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:0  
L:3284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:230 after pos.:0  
L:3332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0  
L:3375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:232 after pos.:0  
L:3428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0  
L:3476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:0  
L:3529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0  
L:3567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0  
L:3610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0  
L:3658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0  
L:3741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0  
L:3814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:0  
L:3897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241 after pos.:0  
L:3975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0  
L:4058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0  
L:4121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0  
L:4184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:0  
L:4262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0  
L:4340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0  
L:4408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0  
L:4486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0  
L:4559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0  
L:4637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0  
L:4695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0

-14--

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006

TIME: 10:55:25

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

L:4753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0  
L:4826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0  
L:4909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0  
L:4982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0  
L:5065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0  
L:5143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0  
L:5226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0  
L:5289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0  
L:5352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0  
L:5430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0  
L:5508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0  
L:5576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0  
L:5654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0  
L:5727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0  
L:5805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0  
L:5863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0  
L:5921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0  
L:5994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0  
L:6022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0  
L:6050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0  
L:6078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0  
L:6106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0  
L:6134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0  
L:6162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0  
L:6190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0  
L:6218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0  
L:6241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0  
L:6264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0  
L:6287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0  
L:6310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0  
L:6333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:0  
L:6356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0  
L:6379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:0  
L:6402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:286 after pos.:0  
L:6480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0  
L:6548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288 after pos.:0  
L:6626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289 after pos.:0  
L:6699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:0  
L:6777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:0  
L:6835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0  
L:6893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:0  
L:6966 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0  
L:6989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:0  
L:7012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0  
L:7035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0  
L:7058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298 after pos.:0  
L:7081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:0  
L:7104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300 after pos.:0  
L:7127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:0



15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,690

DATE: 05/01/2006

TIME: 10:55:25

Input Set : E:\00-878-J sequence listing.txt

Output Set: N:\CRF4\05012006\J576690.raw

L:7150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0  
L:7179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0  
L:7206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0  
L:7234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:0  
L:7267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0  
L:7302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307 after pos.:0  
L:7335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0  
L:7370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0  
L:7405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:310 after pos.:0  
L:7438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:311 after pos.:0  
L:7467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:312 after pos.:0  
L:7494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313 after pos.:0  
L:7576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:314 after pos.:0  
L:7663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:315 after pos.:0  
L:7722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:316 after pos.:0  
L:7779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:317 after pos.:0  
L:7868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:318 after pos.:0  
L:7927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:319 after pos.:0  
L:8014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:320 after pos.:0  
L:8067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:324 after pos.:0